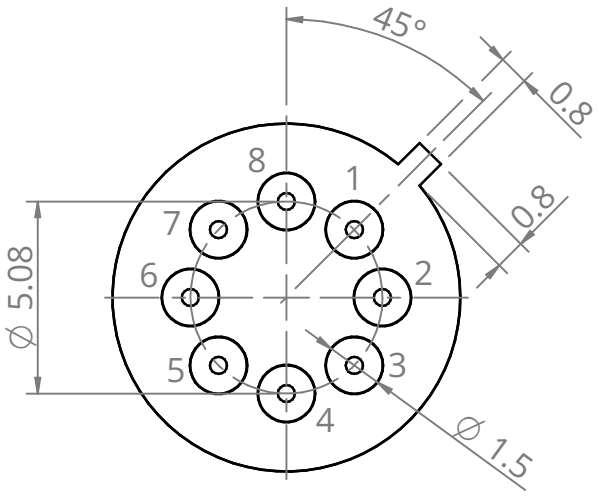
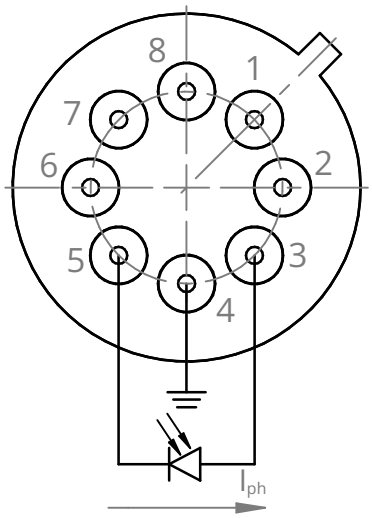
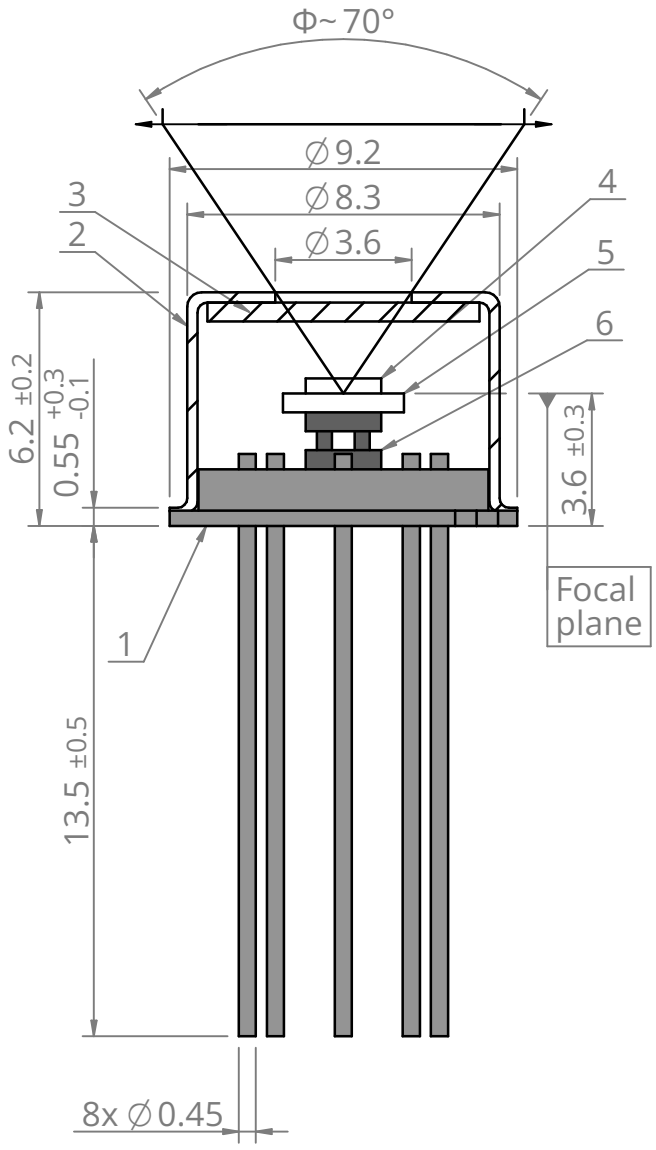
Bottom view

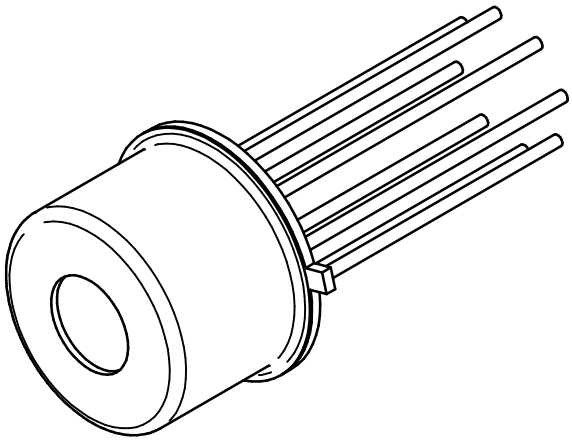


Bottom view
Photovoltaic





Pinout	
Pin No.	Connection
1	TE cooler (+)
2	Not used
3	Active element anode
4	Chassis ground
5	Active element cathode
6	Thermistor
7	TE cooler (-)
8	Thermistor



Φ - Acceptance angle

No.	Name	Material
6	Thermoeletric cooler	
5	Active element carrier	Silicon
4	Active element	InAs/InAsSb/GaAs
3	Window	Si AR
2	Detector cap	Kovar
1	TO39 header	Gold plated Kovar/Non-alloy steel

FIRST ANGLE PROJECTION	UNIT: mm GENERAL TOLERANCE: ISO 2768-mK	Scale	Sheet	Size	This document is the property of VIGO Photonics S.A. and may not be disclosed to third parties, copied or used in whole or in part for any purpose without written permission from VIGO Photonics S.A.
		5:1	1/1	A4	

Date	Drawing No.	Rev.	Title	
15.04.2025	ZTM-TO39_8-Z001	8	1TE-TO39(8p)-pW, PV detector	VIGO PHOTONICS